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AFH 10-222, VOLUME 5, GUIDE TO BARE BASE POWER PLANT INSTALLATION

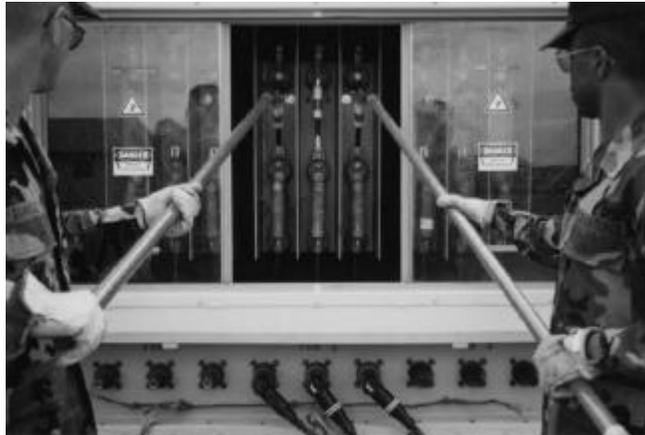
SYNOPSIS:

The newest addition to the AFH 10-222 series of Readiness-related handbooks addresses establishment of a bare base power plant using Harvest Falcon assets. This pocket-sized field handbook is available electronically from the Air Force Departmental Publishing Office's web site; however, it is also being published in hard copy. Place your orders now for the hard copy edition.

VOLUME 5 DETAILS:

Several topic areas pertaining to set-up of a bare base power plant are discussed in this volume. Initially, planning factors, load estimation and diversity and demand factors are presented. These concepts are followed by discussion on how the threat facing an installation influences bare base power plant set-up. Safety, tools and equipment are then mentioned prior to addressing the specifics of plant establishment. Site preparation and layout are first explained with emphasis on where to position the generators, fuel bladders, controls and area lighting systems. Lastly, the connections between various system

components are high-lighted. This section not only includes the electrical connections between generators, primary distribution centers and secondary distribution centers, but also addresses fuel line connections between bladders and



generators.

ORDER NOW:

To obtain copies of this handbook place your requirement with your base Publications Management Office. Consider acquiring this booklet for all electrical and power production personnel, and remember to order several for your training library and mobility team kit. These handbooks are meant specifically for field and contingency operations.

NEXT EDITIONS:

Be on the lookout for the next Air Force publications bulletin—in it should be the first announcement for Volume 6 of the AFH 10-222 series. Volume 6, Guide To Bare Base Facility Erection, discusses the procedures for erecting the most common buildings in the Harvest Falcon package—TEMPER tents, expandable shelter containers and general purpose shelters. Anyone who participates in erecting one of these types of facilities should have this handbook. Place your orders early to get in on the first publishing run. Volume 7, Emergency Airfield Lighting System, and Volume 9, Reverse Osmosis

Water Purification Unit, are in preparation with publishing anticipated next spring.

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